Depth 6	Contents 7	Reference to last Measurement 8

First & Final Bill

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192635

Serial No. BR-176/3-6-14

Name of work. Desilting of Drains by Engaging Tractor and Labour in ward No. 10, Doddabommasandra Area. Vidyaranyapura Sub-division From ..... To .....

Name of Contractor of nature of Agency. Sri. R. Madhusudan.

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Work Code No:- 040-13-000021.						
	Aggreement No:- 95 Dated 26-07-13.						
	Work order No:- EE/BTP/BBMP/E-TND/85/2013-14 Date 26-07-2013.						
	Head of Account:- P-1771.						
	Estimated Cost:- 5.00 Lakhs						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.						
	Desiltation of drain						
	Doddabommasandra						
	Surrounding						
		2	30.00	0.60	$\frac{0.35+0.45}{2}$ = 14.40 Cum		
		2	30.00	0.60	$\frac{0.45+0.40}{2}$ = 15.30 Cum		
		2	30.00	0.60	$\frac{0.40+0.40}{2}$ = 14.40 Cum		
		2	25.30	0.60	$\frac{0.40+0.30}{2}$ = 10.63 Cum		
		2	30.00	0.60	$\frac{0.30+0.45}{2}$ = 13.50 Cum		
		2	30.00	0.60	$\frac{0.40+0.40}{2}$ = 14.40 Cum		
		2	30.00	0.60	$\frac{0.30+0.40}{2}$ = 12.60 Cum		

C&FC

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numb
1	2	3
		2
		2
		2
		2
		2
		2
		2
		2
		2

Depth 6	Contents 7	Reference to last Measurement 8
n ordinary soil including an average lift upto 0.5m y dressed, the disposed earth dd complete as per specifications.		
0.35+0.45 / 2 = 14.40 Cum		
0.45+0.40 / 2 = 15.30 Cum		
0.40+0.40 / 2 = 14.40 Cum		
0.40+0.30 / 2 = 10.63 Cum		
0.30+0.45 / 2 = 13.50 Cum		
0.40+0.40 / 2 = 14.40 Cum		
0.30+0.40 / 2 = 12.60 Cum		

C/F c/c

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192636

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		2	30.00	0.60	(0.30+0.35)/2 = 11.70 Cum		
		2	25.30	0.60	(0.35+0.40)/2 = 11.39 Cum		
		2	30.00	0.60	(0.35+0.30)/2 = 11.70 Cum		
		2	30.00	0.60	(0.35+0.35)/2 = 12.60 Cum		
		2	30.00	0.60	(0.35+0.45)/2 = 14.40 Cum		
		2	30.00	0.60	(0.40+0.30)/2 = 12.60 Cum		
		2	32.20	0.60	(0.30+0.35)/2 = 12.56 Cum		
		2	30.00	0.60	(0.45+0.40)/2 = 16.30 Cum		

C/F c/c

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	0.60	$\frac{(0.4+0.35)}{2}$	= 13.50 Cum	
		2	30.00	0.60	$\frac{(0.40+0.30)}{2}$	= 12.60 Cum	
		2	30.00	0.60	$\frac{(0.30+0.35)}{2}$	= 11.70 Cum	
		2	32.20	0.60	$\frac{(0.35+0.45)}{2}$	= 15.48 Cum	
		2	30.00	0.45	$\frac{(0.35+0.45)}{2}$	= 10.80 Cum	C&Fc
		2	30.00	0.45	$\frac{(0.45+0.40)}{2}$	= 11.48 Cum	
		2	21.50	0.45	$\frac{(0.40+0.35)}{2}$	= 7.20 Cum	
		2	30.00	0.45	$\frac{(0.35+0.40)}{2}$	= 10.13 Cum	
		2	30.00	0.45	$\frac{(0.40+0.40)}{2}$	= 10.80 Cum	
		2	21.50	0.45	$\frac{(0.40+0.30)}{2}$	= 6.77 Cum	
		2	30.00	0.45	$\frac{(0.30+0.35)}{2}$	= 8.78 Cum	
		2	30.00	0.45	$\frac{(0.35+0.45)}{2}$	= 10.80 Cum	
		2	20.00	0.45	$\frac{(0.45+0.40)}{2}$	= 7.65 Cum	

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Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numb
1	2	3
		2
		2
		2
		2
		2
		2
		2
		2
		2
		2

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2)	Earth work in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, c.u works road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m excavated surface levelled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed etc complete as per specifications and directions of engineer incharge of the work.						
	Beam cleaning	4	5.00	1.50	0.35 =	10.50 cum	
		6	4.50	1.90	0.45 =	23.09 cum	
		5	4.50	1.50	0.45 =	15.19 cum	
		3	4.50	1.50	0.45 =	9.11 cum	
		2	5.00	1.50	0.35 =	5.25 cum	
		3	5.00	1.20	0.45 =	8.10 cum	
		5	6.00	1.00	0.35 =	10.50 cum	
		3	4.50	1.80	0.45 =	10.94 cum	
		4	3.50	1.80	0.35 =	8.82 cum	
		3	5.50	1.20	0.35 =	6.93 cum	
		5	5.00	1.50	0.40 =	15.00 cum	

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Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3

Depth 6	Contents 7	Reference to last Measurement 8
ary soil for	levelling and	
oundation of	buildings, cuttings	
nd cables) and	removing the	
ng soil and	lift upto 1.5m	
ted disposed	earth to be	
dewised etc	complete as per	
harge of the	work.	
35 =	10.50 cum	
45 =	23.09 cum	
45 =	15.19 cum	
45 =	9.11 cum	
35 =	5.25 cum	
45 =	8.10 cum	
35 =	10.50 cum	
45 =	10.98 cum	
35 =	8.82 cum	
35 =	6.93 cum	
40 =	15.00 cum	

C/FC

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192644

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		6	3.80	1.80	0.45 =	17.01 cum	
		5	5.80	1.85	0.45 =	24.14 cum	
		6	5.60	1.50	0.45 =	22.28 cum	
		3	5.00	1.80	0.40 =	10.80 cum	
		5	6.00	1.95	0.45 =	26.33 cum	
		6	5.00	1.80	0.40 =	21.60 cum	
		6	5.60	1.50	0.45 =	22.68 cum	
		5	4.50	1.80	0.35 =	14.18 cum	
		5	5.20	1.80	0.35 =	16.38 cum	
		6	6.80	1.50	0.45 =	27.54 cum	
		7	3.80	1.80	0.35 =	12.86 cum	
		4	5.00	1.60	0.45 =	14.40 cum	
		8	5.00	1.50	0.45 =	27.00 cum	

C/FC

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adth 5	Depth 6	Contents 7	Reference to last Measurement 8

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 192676

Serial No.....

Measurement continued from page no - 192644

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		4	3.50	1.70	0.45 =	10.71 Cum	
		5	3.50	1.85	0.35 =	11.33 Cum	
		4	2.50	1.80	0.45 =	8.10 Cum	
		5	1.85	1.60	0.45 =	7.02 Cum	
		5	3.50	1.80	0.35 =	11.03 Cum	
		5	2.80	1.50	0.45 =	8.44 Cum	
		6	3.50	1.45	0.45 =	13.70 Cum	
		6	6.00	1.50	0.40 =	21.60 Cum	
		4	7.00	1.80	0.45 =	22.68 Cum	
		4	5.50	1.70	0.45 =	16.83 Cum	
		6	7.50	1.90	0.35 =	29.93 Cum	
		4	7.50	1.65	0.40 =	19.80 Cum	
		6	5.50	1.50	0.45 =	22.28 Cum	
		5	4.50	1.50	0.40 =	13.50 Cum	
		4	3.80	1.65	0.40 =	9.24 Cum	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		5	3.50	1.80	0.40 =	12.60 cum	
		6	3.00	1.80	0.35 =	11.34 cum	
		5	3.50	1.90	0.45 =	14.96 cum	
		6	4.50	1.90	0.45 =	23.08 cum	
		5	3.80	1.95	0.40 =	13.65 cum	
		4	3.50	1.65	0.45 =	10.40 cum	
		5	4.50	1.90	0.45 =	19.24 cum	
		5	4.50	1.95	0.45 =	19.71 cum	
		4	5.00	1.80	0.40 =	14.40 cum	
		6	6.50	1.45	0.45 =	25.45 cum	
		5	6.50	1.90	0.35 =	21.61 cum	
		4	5.50	1.95	0.40 =	17.16 cum	
		5	5.50	1.75	0.45 =	21.60 cum	
		6	5.50	1.20	0.45 =	17.82 cum	
		8	4.50	1.80	0.40 =	25.92 cum	
		5	6.50	1.70	0.45 =	21.04 cum	
		6	4.50	1.60	0.35 =	15.12 cum	
		4	3.50	1.80	0.35 =	8.82 cum	
		3	4.00	1.90	0.36 =	7.98 cum	
		5	3.00	1.80	0.45 =	12.15 cum	
		6	5.00	1.80	0.35 =	18.90 cum	

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Serial No.....

Name of work.....

Name of Contractor of nature of Agency.

Date of commencement of work.....

Date	Full description, etc, of work
1	2

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3) Lead for Disposal of Debris Shall be Payable at carriage rates by Mechanical means including loading & unloading etc complete as per Specifications and directions of engineer incharge						
	Rate used Item No 1 + Item No 2 = 32239 cum						
	516800 = 00						
	58365 = 00 @ RS 75.50					RS 24340800	
	458435 = 00					Total RS 516863.00	
	Certificate					Zadhav AE 31/5/2014	
	Certified that the above work done satisfactory and no Materials issued from departmentally						
	Zadhav AE 31/5/2015						
	IT - 5168 -						
	ESI - 20672 -						
	FSD - 25840 -						
	CWF - 5168 -						
	CESS - 517 -						
	FSD - 1000 -						
	Total 58365 = 00						

C&FC 31/5/14

31/5/14

Serial No.....

Name of work Construction of ...

Name of Contractor of nature of Agency.....

W.O.NO-EE/BTP/BBHP/E-TN...

Date of commencement of work.....

Date	Full description, etc, of work	Nu...
1	2	Re...
	Previous Measurements	
	1) Earth work excavat...	
	(1) M. Bylappa S/O ...	1 X ...
	(2) M. Bylappa S/O ...	1 X ...
	C & FC	
	ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ, ಪ್ರಯುಲಪಂಕ ವಲಯ, ಬೆಂ. ಮಹಾ...	
	2) Earth Work excavation ...	
	(1) -	1 X ...